

MINNESOTA AG NEWS

WEEKLY CROP-WEATHER



USDA, NASS, MINNESOTA
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Released: October 10, 2006
Issue No: CW-40-06
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Homepage: <http://www.nass.usda.gov/mn/>

USDA, NASS, MINNESOTA FIELD OFFICE, IN COOPERATION WITH THE NATIONAL WEATHER SERVICE - CHANHASSEN MN,
UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, AND USDA-NRCS

SOYBEAN AND SUGARBEET HARVESTS ADVANCED RAPIDLY

Soybean and sugarbeet harvests progressed rapidly this past week, aided by drier weather, according to USDA, NASS, Minnesota Field Office. An estimated 6 days were suitable for fieldwork as above normal temperatures improved field conditions and allowed corn and soybean crops to dry down. Average moisture content was 22% for corn harvested, and 12% for soybeans harvested.

The average temperature for the week was 58.5°, 7.4° above normal. Statewide topsoil moisture supplies as of Friday were rated 3% very short, 15% short, 79% adequate, and 3% surplus.

As of Sunday, October 8th, an estimated 97% of the corn acreage reached the mature stage, compared to 90% for the five-year average. The corn harvest was 8% complete, compared to 11% average. Corn crop condition was rated 65% good or excellent, a slight improvement from the previous week.

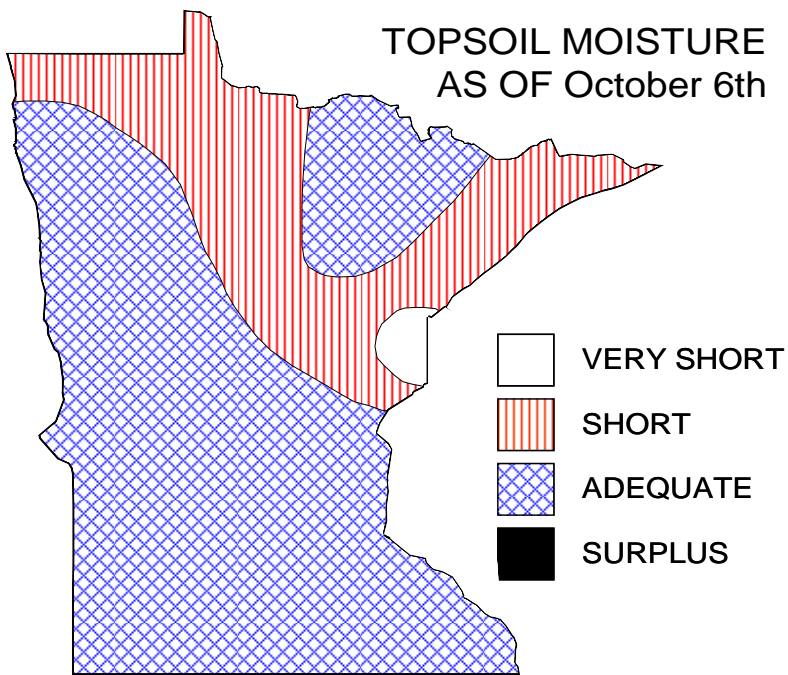
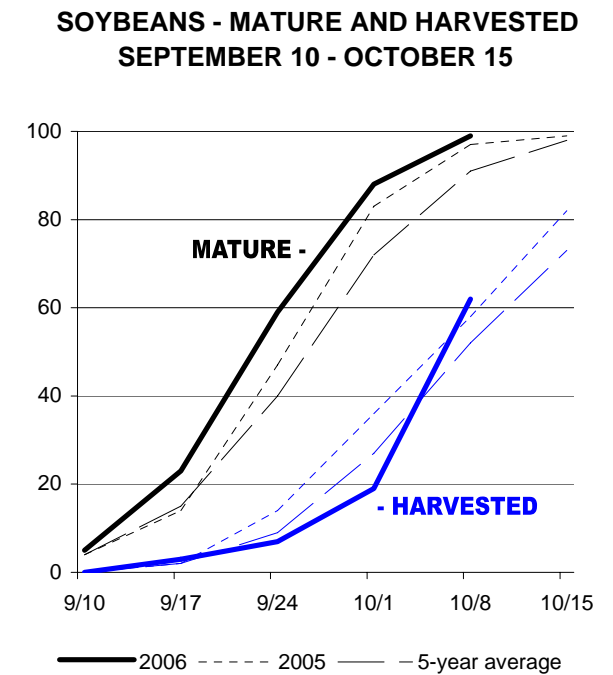
Soybeans were 99% mature compared to 91% average. Soybeans were 62% harvested, 9 percentage points ahead of the five-year average. Soybean crop condition was rated 67% good or excellent, a slight improvement from the previous week.

The dry bean harvest was 91% complete, the potato harvest 87% complete, the sugarbeet harvest 50% complete, and the sunflower harvest was 13% complete. Sugarbeet crop condition was rated 69% good or excellent, and sunflower condition was rated 61% good or excellent.

Days Suitable for Fieldwork: 6.0				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	3	15	79	3

Crop Progress as of October 8, 2006					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
----- Percent -----					
Corn	Mature	97	88	95	90
	Harvested	8	4	7	11
	Moisture	22	26	22	24
Field Corn	Cut for Silage	96	93	96	92
Soybeans	Mature	99	88	97	91
	Harvested	62	19	58	53
	Moisture	12	14	13	12
Potatoes	Harvested	87	80	74	75
Sugarbeets	Harvested	50	18	33	50
Sunflowers	Harvested	13	9	14	15
DryBeans	Harvested	91	84	90	79

Crop Condition as of October 6, 2006 in %					
	Very Poor	Poor	Fair	Good	Exc
Pasture	10	13	37	37	3
Corn	6	8	21	48	17
Soybeans	4	6	23	45	22
Sugarbeets	1	5	25	40	29
Sunflowers	2	4	33	49	12



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING OCTOBER 8, 2006:
Temperatures averaged from 5.1 degrees above normal in the Northeast District to 9.6 degree above normal in the Southwest and South Central Districts. Extremes: 24 degrees in Hibbing; 90 degrees in Worthington. Precipitation averaged from 0.53 inch below normal in the South Central District to 0.22 inch below normal in the Northeast District. Greatest weekly total was 0.89 inch recorded in Red Wing.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website; <http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 10/2/2006 through 10/8/2006

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Since 4/1	Since May 2	Depart from Norm
<u>NW DIST 1</u>										
Crookston	81	32	55.4	5.9	.05	-.41	.28	-4.22	2489	213
Moorhead	84	33	56.5	5.8	.09	-.40	-.17	-3.48	2686	295
Warroad	77	33	54.4	7.2	0	-.48	-.91	-6.44	2214	249
<u>NC DIST 2</u>										
Grand Rapids	77	32	54.4	5.9	.40	-.28	.66	-5.83	2384	397
Intl. Falls	73	27	51.7	5.2	.03	-.50	-1.37	-7.01	2062	219
Itasca	77	31	52.8	6.4	.27	-.36	1.67	-5.11	2236	386
<u>NE DIST 3</u>										
Duluth	77	34	53.8	5.6	.62	-.05	.02	-4.48	2102	332
Grand Marais	68	41	54.6	5.9	.47	-.20	-1.36	-6.71	1694	290
Hibbing	75	24	50.8	3.9	.22	-.42	-1.39	-11.06	2031	224
<u>WC DIST 4</u>										
Alexandria	82	36	58.5	8.0	.06	-.48	.13	-2.99	2585	288
Browns Valley	86	32	59.4	7.4	.06	-.35	1.26	4.31	2578	33
Canby	85	36	62.0	7.8	.12	-.38	1.14	3.42	2730	36
Fergus Falls	83	37	56.8	6.4	.62	.14	1.88	5.22	2555	228
Montevideo	85	35	60.1	7.5	0	-.46	-.04	1.77	2636	89
Morris	87	36	59.8	8.4	.08	-.45	.10	-4.50	2550	85
<u>CENT DIST 5</u>										
Becker	84	33	59.0	8.7	.28	-.26	.56	-3.43	2735	472
Collegeville	83	35	60.2	6.2	.10	-.52	-.05	-1.09	2848	241
Hutchinson	86	36	62.5	9.7	.06	-.37	1.00	-2.35	2774	208
Olivia	87	34	61.3	9.3	0	-.48	.93	-1.77	2635	144
St. Cloud	83	31	57.5	7.2	.56	.01	.18	-.60	2582	319
Staples	81	31	55.2	5.9	.75	.14	1.28	-3.37	2327	277
Willmar	86	38	60.8	8.8	.43	-.10	.97	-5.33	2708	219
<u>EC DIST 6</u>										
Aitkin	77	30	57.2	8.5	.50	-.10	.26	-6.62	2388	454
Forest Lake	83	37	60.8	8.4	.22	-.39	2.12	1.67	2745	300
MSP Airport	84	39	61.0	7.2	.02	-.47	-.80	-.14	3009	334
St. Paul - UofM	83	35	62.8	7.3	.02	-.58	-.49	2.35	2972	201
<u>SW DIST 7</u>										
Lamberton	88	32	62.4	9.4	0	-.48	.39	4.22	2699	101
Pipestone	88	34	62.2	10.4	0	-.55	.24	-2.26	2594	99
Redwood Falls	87	35	62.5	8.0	.06	-.39	.81	.38	2784	20
Worthington	90	35	62.2	10.4	0	-.47	2.32	2.06	2677	244
<u>SC DIST 8</u>										
Faribault	84	35	60.2	7.9	.08	-.47	.11	-1.55	2677	193
Mankato	88	37	62.8	9.5	.02	-.56	-.62	-3.89	2739	143
Waseca	87	40	64.2	11.3	.02	-.56	.21	1.27	2762	225
Winnebago	89	37	63.1	9.8	.03	-.52	1.30	1.72	2815	219
<u>SE DIST 9</u>										
Preston	85	33	58.1	5.3	.09	-.50	.51	.30	2520	122
Red Wing	83	37	58.9	5.5	.89	.31	.46	-3.29	2740	157
Rochester	84	39	60.6	8.6	.25	-.29	.49	-.10	2661	299
Rosemount	84	37	61.6	8.3	.12	-.49	-1.02	-3.37	2702	236
Winona	84	41	60.5	4.8	.12	-.44	-.23	-5.48	2792	-85

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

The MINNESOTA WEEKLY CROP-WEATHER REPORT (USPS-387190) is published weekly in April through November (crop season). Subscription rates are \$15.00 per year for non-reporters and free to survey respondents by the USDA-NASS Minnesota Field Office, P O Box 7068, St. Paul, MN 55107. Periodicals postage paid at St. Paul, Minnesota and other mailing offices. POSTMASTER: Send address changes to the MINNESOTA WEEKLY CROP-WEATHER REPORT, P O Box 7068, St. Paul, MN 55107.

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WEEKLY NEWS REPORT
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